

## EAST Search History

| Ref # | Hits | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------------|------------------|---------|------------------|
| S1    | 2    | ("5776844", "5958812").pn.   | USPAT           | OR               | OFF     | 2009/02/05 21:52 |
| S2    | 1    | "20060216552"  | US-PGPUB; USPAT | OR               | OFF     | 2009/02/11 17:00 |
| S3    | 3    | {"5900296", "5780371", "6114039").pn.  | USPAT           | OR               | OFF     | 2009/02/11 17:01 |
| S4    | 65   | {ferromagnetic and ("single crystal")).clm.  | USPAT           | OR               | OFF     | 2009/02/12 13:23 |
| S5    | 119  | {ferromagnetic and ("single crystal")).clm.  | US-PGPUB; USPAT | OR               | OFF     | 2009/02/12 13:23 |
| S6    | 1    | "20080152884"  | US-PGPUB; USPAT | OR               | OFF     | 2009/02/12 13:24 |
| S7    | 2    | S5 and storage.clm.  | US-PGPUB; USPAT | OR               | OFF     | 2009/02/12 13:26 |
| S8    | 2    | {ferromagnetic and ("single crystal")).clm. and storage.ab.  | USPAT           | OR               | OFF     | 2009/02/12 13:28 |
| S9    | 30   | S5 and wafer   | US-PGPUB; USPAT | OR               | OFF     | 2009/02/12 13:32 |
| S10   | 0    | S6 and recording   | US-PGPUB; USPAT | OR               | OFF     | 2009/02/12 13:37 |
| S11   | 50   | {"4600957" "4831608" "4925776" "5470694" "5662979" "4259433" "4331966" "5418769" "5492783" "5561089" "5571646" "5582897" "5591502" "5632942" "5972816" "6120922" "6245411" "4248531" "4269932" "4296309" "4305656" "4340655" "4345261" "4373004" "4389655" "4412264" "4422904" "4430401" "4482511" "4545881" "4596740" "4618537" "4633338" "4786559" "4800547" "4815197" | US-PGPUB; USPAT | OR               | OFF     | 2009/02/16 17:47 |

|     |         |   |                        |    |     |                     |
|-----|---------|---|------------------------|----|-----|---------------------|
|     |         | "4816840" "4821250"<br>"4865948" "4870429"<br>"4908809" "4919988"<br>"4923942" "4948460"<br>"4967466" "4974219"<br>"4973520" "4980253"<br>"5002706" "5019452" ).<br>pn.   |                        |    |     |                     |
| S12 | 0       | 10-072238   | JPO                    | OR | OFF | 2009/02/16<br>18:13 |
| S13 | 1       | "10072238"  | JPO                    | OR | OFF | 2009/02/16<br>18:13 |
| S14 | 19      | glass.ab. and ("SiO.<br>sub.2" and "Al.sub.2O.<br>sub.3" and "SiO.sub.2"<br>and "Al.sub.2O.sub.3"<br>and CaO and BaO and<br>"Na.sub.2O" and "K.<br>sub.2O" and "ZrO.sub.2"<br>and MgO and SrO and<br>ZnO and "TiO.sub.2") | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/02/16<br>18:19 |
| S15 | 1       | "6577472".pn.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/02/16<br>18:25 |
| S16 | 0       | S14 and S11   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/02/16<br>18:28 |
| S17 | 1       | "4310595".pn.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/02/16<br>18:29 |
| S18 | 2       | ("5776844", "5958812").<br>pn.  | USPAT                  | OR | OFF | 2009/02/16<br>18:31 |
| S19 | 13      | speit.in. and glass.ti.   | USPAT                  | OR | OFF | 2009/02/16<br>18:38 |
| S20 | 13      | speit.in. and glass.ti.   | US-<br>PGPUB;<br>USPAT | OR | OFF | 2009/02/16<br>18:38 |
| S21 | 1       | ("5900296").pn.   | USPAT                  | OR | OFF | 2009/02/17<br>19:34 |
| S22 | 53      | glass.ab. and ("bending<br>strength") same<br>heating)  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2009/02/17<br>19:42 |
| S23 | 3       | S22 and (magnetic or<br>recording).ab.  | US-<br>PGPUB;<br>USPAT | OR | ON  | 2009/02/17<br>19:42 |
| S24 | 1418212 | S22 and thermal<br>resistance   | US-<br>PGPUB;<br>USPAT | OR | ON  | 2009/02/17<br>19:44 |

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|-----|-----|---|-----------------|----|----|------------------|
| S25 | 2   | S22 and ("thermal resistance")                                  | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:44 |
| S26 | 946 | glass.ab. and ("thermal resistance")                            | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:46 |
| S27 | 130 | S26 and magnetic  | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:46 |
| S28 | 35  | S27 and (Heating same hours)                                    | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:47 |
| S29 | 0   | S27 and (Heating same "570")                                    | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:48 |
| S30 | 30  | S27 and (hour same ("500" or "570"))                            | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:49 |
| S31 | 0   | S27 and (hour same ("570"))                                     | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:49 |
| S32 | 30  | S27 and (hour same ("500"))                                     | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:49 |
| S33 | 1   | S32 and (record\$ or magnetic).ab.                              | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:50 |
| S34 | 77  | S27 and (hour same (Q))   | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:52 |
| S35 | 48  | S34 not S32   | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:52 |
| S36 | 0   | S27 and (((("Tg") or ("glass transition")) same "600"))         | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:56 |
| S37 | 0   | S27 and (((("Tg") or ("glass transition")) with "600"))         | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:57 |
| S38 | 113 | (glass).ab. and (((("Tg") or ("glass transition")) with "600")) | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:57 |
| S39 | 26  | S38 and magnetic  | US-PGPUB; USPAT | OR | ON | 2009/02/17 19:57 |
| S40 | 1   | ("6332338", "590296").pn.                                       | US-PGPUB; USPAT | OR | ON | 2009/02/25 16:23 |

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|-----|------|---|-----------------|----|----|------------------|
| S41 | 2    | ("6332338", "5900296").pn.  | US-PGPUB; USPAT | OR | ON | 2009/02/25 16:25 |
| S42 | 1    | S41 and chemically  | US-PGPUB; USPAT | OR | ON | 2009/02/25 16:26 |
| S43 | 0    | S41 and perpendicular   | US-PGPUB; USPAT | OR | ON | 2009/02/25 16:44 |
| S44 | 0    | "20030109370".pn. and perpendicular   | US-PGPUB; USPAT | OR | ON | 2009/02/25 16:45 |
| S45 | 3    | ("6332338", "5900296", "20030109370").pn.   | US-PGPUB; USPAT | OR | ON | 2009/02/26 14:47 |
| S46 | 3    | S45 and recording   | US-PGPUB; USPAT | OR | ON | 2009/02/26 14:47 |
| S47 | 4    | ("6332338", "5900296", "20030109370", "5938812").pn.  | US-PGPUB; USPAT | OR | ON | 2009/02/26 14:49 |
| S48 | 5564 | "I4" and recording  | US-PGPUB; USPAT | OR | ON | 2009/02/26 14:49 |
| S49 | 3    | S47 and recording   | US-PGPUB; USPAT | OR | ON | 2009/02/26 14:49 |
| S50 | 3    | S47 and strengthen\$  | US-PGPUB; USPAT | OR | ON | 2009/02/26 14:50 |
| S51 | 2782 | {501/66 or 501/54 or 501/59 or 501/62 or 501/66 or 501/69 or 65/29.19 or 56/33.1 or 65/33.4 or 428/846.9 or 428/848.8).cls. | US-PGPUB; USPAT | OR | ON | 2009/02/26 18:02 |
| S52 | 272  | S51 and strengthen\$  | US-PGPUB; USPAT | OR | ON | 2009/02/26 18:03 |
| S53 | 122  | S52 and recording   | US-PGPUB; USPAT | OR | ON | 2009/02/26 18:03 |
| S54 | 3039 | {501/66 or 501/54 or 501/59 or 501/62 or 501/66 or 501/69 or 65/29.19 or 65/33.1 or 65/33.4 or 428/846.9 or 428/848.8).cls. | US-PGPUB; USPAT | OR | ON | 2009/02/26 18:07 |

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|-----|-----|---------------------------------------|------------------------|----|----|---------------------|
| S55 | 126 | S54 and recording and<br>strengthen\$ | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/26<br>18:08 |
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2/26/2009 6:16:14 PM

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